

ANT INVASIONS

A picnic blanket was set out after a soccer game, but the ants invaded and delayed the picnic. An ordered pair of numbers can indicate the location of each ant.

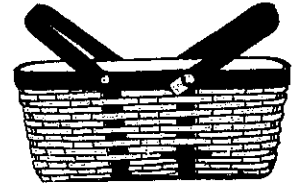
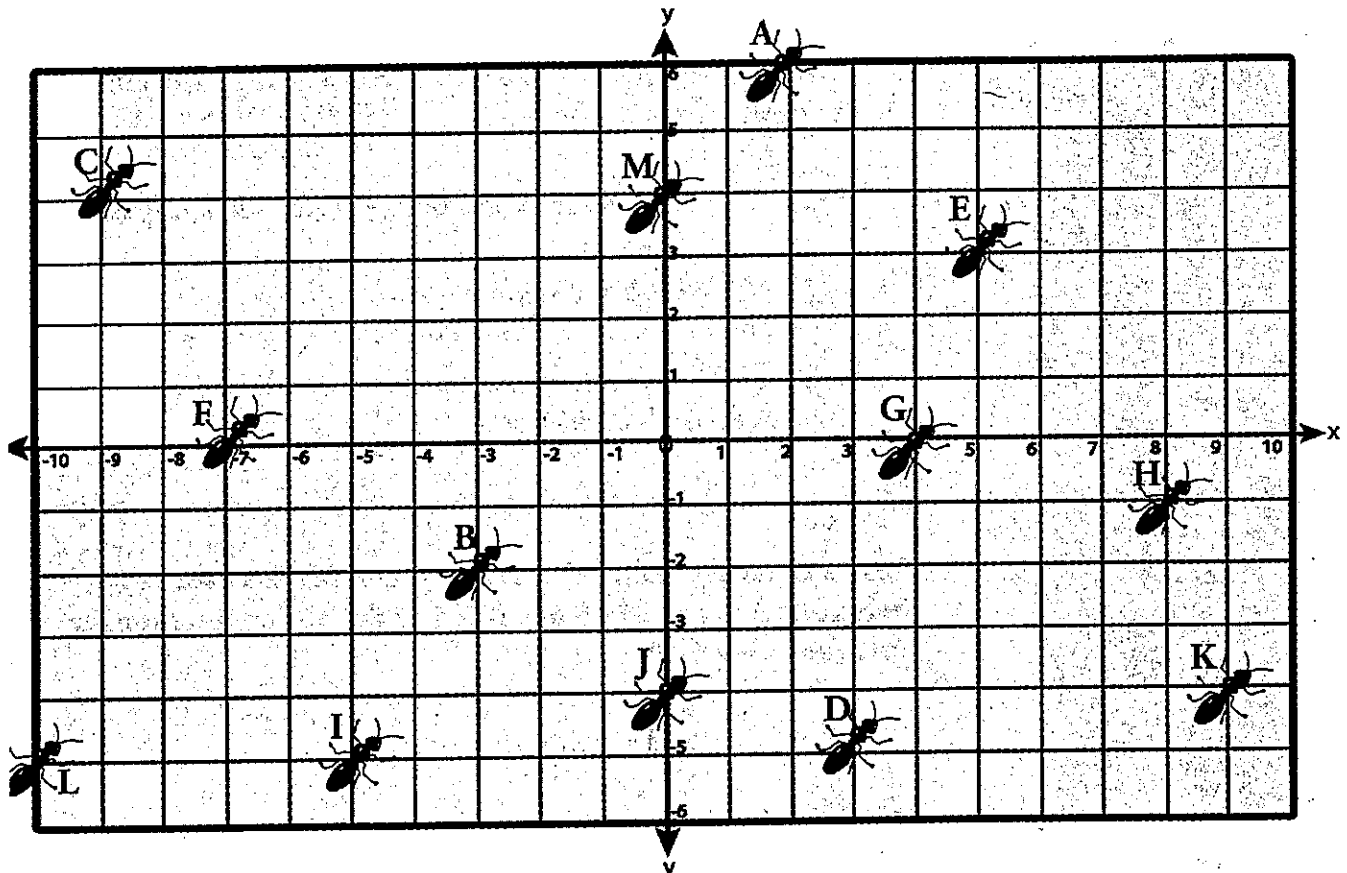


Figure out which ant is where! Fill in the missing information below the grid.



1. Location of ant A?
2. Ant at $(3, -5)$?
3. $(6, -6)$ would be in which quadrant?
4. Ant at $(-3, -2)$?
5. Location of ant K?
6. Draw an ant at $(-5, 3)$. Label it P.
7. Location of ant F?
8. Location of ant H?
9. Ant at $(0, 4)$?
10. $(-2, -6)$ would be in which quadrant?
11. Ant at $(5, 3)$?
12. Location of ant D?
13. Draw an ant at $(0, -6)$. Label it Q.
14. Ant at $(-9, 4)$?

Name _____

Use with page 49.

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Use the coordinate plane on page 58 to answer the questions and follow the directions.
Write number pairs to give locations of points on the grid.

1. Which of these points falls beneath the bed?

- a. (3, 6)
- b. (-3, 6)
- c. (3, -6)

2. Where is the black hockey puck?

3. Where is the running shoe?


4. What is at (10, -3)?

5. Draw a stopwatch  at (0, -7).

6. Draw a football  at (6, 5).


7. Draw a flag  at (5, 0).

8. Draw a skate  at (-10, -4).

9. Draw a boxing glove  at (-8, 2).

10. Draw a soccer ball  at the origin.

11. Draw a helmet  (-9, -6).

12. Draw golf balls  at (7, -6) and (-6, -7).

13. If each square represents a square foot, what is the straight distance from the puck to the edge of the dresser?

14. What is the distance from the boomerang to the baseball?

15. What is the distance from the tennis ball to the stopwatch?

16. What is the distance from the football to a point at (6, -9)?

17. Is this statement true?
The distance between the golf balls is greater than 12 feet.

18. Draw a 12-unit straight line from the hockey puck into Quadrant I.



Name _____

Use with page 58.